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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark Rapaich

Examiner: Paulos Natnael

Serial No.: 09/217,873

Group Art Unit: 2614

Filed: December 21, 1998

Docket: 450.221US1

Title: DIGITAL YUV VIDEO EQUALIZATION AND GAMMA CORRECTION

RECEIVED

RESPONSE UNDER 37 CFR § 1.111

JUL 31 2001

Commissioner for Patents
Washington, D.C. 20231

Technology Center 2600

8.8.01
Applicant has reviewed the Office Action mailed on April 16, 2001. Please consider the following remarks.

IN THE CLAIMS

The claims are not amended, but are repeated below for the Examiner's reference:

1. A personal computer system comprising:
 - a video source capable of providing a digital YUV video signal;
 - a video output capable of connecting to a video display device;
 - a digital processor employing a corrective algorithm that applies gamma correction to the digital YUV signal provided by the video source and provides a corrected signal to the video output.
2. The personal computer of claim 1 wherein the digital processor further employs a corrective algorithm that corrects at least one of color saturation correction, tint correction, brightness correction and contrast correction.
3. The personal computer system of claim 1, further comprising a software module for user configuration of the digital processor that corrects the digital YUV signal.
4. The personal computer system of claim 1, wherein the video sources comprise multiple sources selected from the group consisting of MPEG, NTSC, CVD, CD and satellite broadcast digital video signals.